

PATENT
09/589,799

- 1 1. (currently amended) A workload balancing system for
2 distributing data processing transactions into a plurality
3 of messages and for dynamically allocating each of said
4 messages to different computer systems for performance
5 comprising:
6 means for requesting the performance of a data
7 processing transaction,
8 a server computer for said distributing said
9 transaction into a plurality of messages and allocating said
10 messages to different computer systems,
11 a server queue associated with said server computer for
12 storing the plurality of messages from the distributed
13 transaction, and
14 user interactive display means for displaying said
15 queue of allocated messages and associated computer systems.

Claim 2 (cancelled).

- 1 3. (currently amended) The workload balancing system of
2 claim ~~2~~ 1 wherein each of said different computer systems
3 has an associated queue for storing messages allocated to
4 each respective computer system.

- 1 4. (original) The workload balancing system of claim 3
2 wherein at least one of said different computer systems has
3 means for reallocating to other computer systems, messages
4 initially allocated to said one computer system.

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1 5. (original) The workload balancing system of claim 4
2 further including user interactive means for displaying said
3 reallocated messages and computer systems to which said
4 messages are reallocated.

1 6. (original) The workload balancing system of claim 1
2 further comprising an interactive display computer including
3 said means for requesting the performance of a data
4 processing transaction and user interactive display means
5 for displaying said allocated messages and associated
6 computer systems.

1 7. (currently amended) A method for distributing data
2 processing transactions into a plurality of messages and for
3 dynamically allocating each of said messages to different
4 computer systems for performance comprising:
5 requesting the performance of a data processing
6 transaction,

7 distributing said transaction into a plurality of
8 messages and allocating said messages to different computer
9 systems,

10 storing the plurality of messages from the distributed
11 transaction in a queue, and

12 interactively displaying said stored plurality of
13 allocated messages and computer systems.

8. (cancelled).

1 9. (currently amended) The method of claim 8 including the
2 step of storing messages allocated to each respective
3 computer system in a queue associated with said computer
4 system.

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1 10. (original) The method of claim 9 further including the
2 step of reallocating to other computer systems, messages
3 initially allocated to one of said different computer
4 systems.

1 11. (original) The method of claim 10 further including the
2 step of user interactively displaying said reallocated
3 messages and computer systems to which said messages are
4 reallocated.

1 12. (currently amended) A computer program having program
2 code included on a computer readable medium for workload
3 balancing of distributed data processing transactions
4 comprising:

5 means for requesting the performance of a data
6 processing transaction,

7 means for distributing said transaction into a
8 plurality of messages and allocating said messages to
9 different computer systems,

10 queue means for storing the plurality of messages from
11 the distributed transaction, and

12 user interactive display means for displaying said
13 queue of allocated messages and associated computer systems.

13. (cancelled).

1 14. (currently amended) The computer program of claim 13
2 wherein each of said different computer systems has an
3 associated queue for storing messages allocated to each
4 respective computer system.

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1 15. (original) The computer program of claim 14 further
2 including means for reallocating to other computer systems,
3 messages initially allocated to said one computer system.

1 16. (original) The computer program of claim 15 further
2 including user interactive means for displaying said
3 reallocated messages and computer systems to which said
4 messages are reallocated.

1 17. (original) The computer program of claim 12 wherein said
2 means for requesting the performance of a data processing
3 transaction and said user interactive display means for
4 displaying said allocated messages and computer systems are
5 in a user interactive display computer.

Claims 18-20 (cancelled).

REMARKS

Applicants note that the present Application has been involved in extensive prosecution before the present Office Action. This Application has been previously prosecuted through a Final Rejection resulting in the filing of an Appeal and the submission of a Brief on Appeal by Applicants. The Final Rejection was then withdrawn by Examiner, and the present non-final Office Action issued which rejects all of the claims based upon previously uncited art.

In the interest of expediting the prosecution herein at least at this late point, Applicants have amended the claims to a scope covering the crux of their invention. The claims are clearly allowable based upon the references applied in the current Office Action for the following reasons